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Multi-level Experience Retrieval for the Personal Lifelog

[Prananto, B.H.](#) [Ig-Jae Kim](#) [Hyoung-Gon Kim](#)

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Abstract

Personal lifelog media system stores and retrieves user's every day experiences in the data format. This system involves huge amount of data and requires a metadata database user to retrieve the desired media efficiently. This paper proposes a multi-level abstraction to retrieve every day experiences in various ways with a user-friendly web interface. The performance with real lifelog media data shows that suggested multi-level metadata database experience media data around four times more efficient compared with usual single-level metadata database in the sense of retrieval time.

Index Terms

Inspection

Controlled Indexing

[information retrieval](#) [meta data](#) [multimedia systems](#) [personal computing](#) [use](#)

Non-controlled Indexing

[metadata database system](#) [multi-level experience retrieval](#) [multimedia data for personal lifelog media system](#) [user-friendly web interface](#)

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